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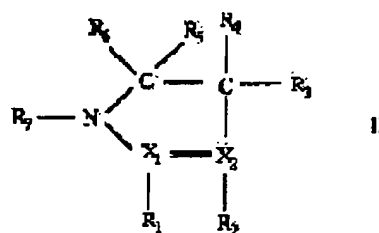
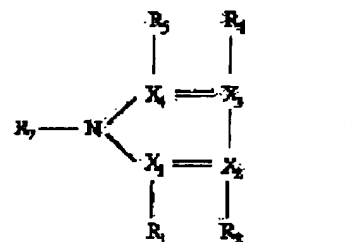
HISAYOSHI KYOKO

(54) PLANT FRESHNESS MAINTAINING AGENT AND PLANT TREATED WITH THE AGENT AFTER HARVEST

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a freshness maintaining agent for a plant especially for a cut flower, and a vegetable and a fruit after their harvest and capable of being prepared, supplied, preserved, and used stably and easily by constituting the agent with a silver compound and an aqueous solution containing a specific complexing agent.

SOLUTION: This plant freshness maintaining agent is constituted by (A) a silver compound with (B) an aqueous solution containing one or more kinds of a complexing agents selected from (i) a thiol compound of the formula: HSRCOOH [R is a (substituted by methyl, etc.), 1-4C alkylene], (ii) an acetaminocarboxylic acid of the formula: $\text{R}_1\text{SR}_2\text{CH}(\text{NHCOOCH}_2)\text{COOK}$ (R_1 is a 1-2C alkyl; R_2 is a 1-2C alkylene), (iii) an aminosulfonic acid of the formula: XRSO_3H (R is a 1-3C alkylene; X is an amino or the like), (iv) a five-membered heterocyclic compound containing nitrogen of formula I or II [X_1 to X_4 are each C or N, and when each of X_1 to X_4 is N, R_1 to R_5 to be bonded therewith do not exist and not all of them are N simultaneously; R_1 to R_6 are each amino or the like; R_7 is H, phenyl (of which H's are substituted by OH, etc.), or



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the liked, etc.

LEGAL STATUS

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